

AMENDMENTS TO THE CLAIMS:

Please amend the claims as follows:

1. (Currently Amended) A method for ~~the production of~~ producing fire protection glazing, ~~consisting of~~ comprising at least two flat substrates and one fire protection means, ~~whereby the fire protection means consists of~~ layer comprising at least one film or of a film system having at least one intumescent layer, ~~and the fire protection means is introduced between the substrates, characterized by, said method comprising~~ the following steps:

— applying several film sections of the fire protection means layer onto a first substrate, whereby the film sections cover the entire surface of the substrate that is to be provided with the fire protection means layer,

— applying a second substrate onto the first substrate with the film sections,
— carrying out a laminating process at elevated pressure and elevated temperature.

2. (Currently Amended) The method according to Claim 1, ~~characterized in that more than two substrates are made into~~ wherein the fire protection glazing comprises more than two substrates.

3. (Currently Amended) The method according to ~~one or both of Claims~~ Claim 1 ~~and 2, characterized in that, wherein~~ the edges of the film sections abut each other and/or overlap slightly after being applied onto the first substrate.

4. (Currently Amended) The method according to ~~one or more of the preceding claims, characterized in that~~ Claim 1, comprising laying the substrates and the film sections

are laid on top of each other in the a desired layer structure in a laminator and then evacuated, after which the system is charged evacuating the layer structure and charging the layer structure with atmospheric pressure under elevated temperature in order to create a pre-laminate.

5. (Currently Amended) The method according to ~~one or more of the preceding claims, characterized in that~~ Claim 1, comprising affixing the film sections are affixed onto the first substrate and/or the second substrate.

6. (Currently Amended) The method according to Claim 5, ~~characterized in that~~ comprising adhering the film sections ~~are glued~~ to the first substrate and/or the second substrate.

7. (Currently Amended) The method according to Claim 6, ~~characterized in that~~ comprising using water-soluble organic binder ~~is used~~ for the adhesion process.

8. (Currently Amended) The method according to Claim 7, ~~characterized in that~~ comprising using at least one of polyvinyl alcohols, cellulose derivatives, alcohols and/or and polyalcohols ~~are used~~ for the adhesion process.

9. (Currently Amended) The method according to Claim 6, ~~characterized in that~~ comprising using inorganic binders ~~are used~~ for the adhesion process.

10. (Currently Amended) The method according to Claim 9, ~~characterized in that~~ comprising using at least one of wetting agents having different moduli and degrees of dilution, silicic sols ~~and/or~~ and water ~~are used~~ for the adhesion process.

11. (Currently Amended) The method according to Claim 6, ~~characterized in that~~ comprising using glycerin or water or mixtures thereof ~~are used~~ as the adhesive.

12. (Currently Amended) The method according to Claim 11, ~~characterized in that~~ the comprising mixing ratio of glycerin to water is in a ratio in the order of magnitude of 85% glycerin to 15% water.

13. (Currently Amended) The method according to ~~one or more of the preceding~~ claims, characterized in that Claim 1, comprising introducing additional functional layers are ~~introduced~~ between the first substrate and the second substrate.

14. (Currently Amended) The method according to ~~one or more of the preceding~~ claims, characterized in that Claim 1, wherein the pressure during the laminating process is in the ~~order of magnitude~~ range of about 1 to about 10 bar.

15. (Currently Amended) The method according to Claim 14, ~~characterized in that~~ wherein the pressure during the laminating process is ~~in the order of magnitude of about 1 bar~~ to about 2 bar.

16. (Currently Amended) The method according to ~~one or more of the preceding claims, characterized in that~~ Claim 1, wherein the temperature during the laminating process lies within the thermoplastic range of the fire protection means layer and below the foaming temperature of the fire protection means layer.

17. (Currently Amended) The method according to Claim 16, ~~characterized in that~~ wherein the temperature during the laminating process lies 10°C to 20°C [18°F to 36°F] below the foaming temperature of the fire protection means layer.

18. (Currently Amended) The method according to ~~one or more of the preceding claims, characterized in that~~ Claim 1, wherein the temperature during the laminating process is at least 70°C [158°F].

19. (Currently Amended) The method according to ~~one or more of the preceding claims, characterized in that~~ Claim 1, wherein the temperature during the laminating process is at least 80°C [176°F].

20. (Currently Amended) The method according to ~~one or more of the preceding claims, characterized in that~~ Claim 1, wherein the temperature during the laminating process is at the a maximum 100°C [212°F].

21. (Currently Amended) The method according to ~~one or more of Claims 1 to 19, characterized in that~~ Claim 1, wherein the temperature during the laminating process is at the a maximum 150°C [302°F].

22. (Currently Amended) The method according to ~~one or more of the preceding claims, characterized in that~~ Claim 1, wherein the duration of the laminating process is ~~in the order of magnitude of 3~~ about three to 6 about six hours.

23. (Currently Amended) The method according to Claim 22, ~~characterized in that~~ wherein the duration of the laminating process is four hours.

24. (Currently Amended) The method according to Claim 23, ~~characterized in that the execution of wherein~~ the laminating process is ~~divided into~~ comprises a heating phase of about one hour, a retention phase of about two hours, and a cooling phase of about one hour.

25. (Currently Amended) The method according to ~~one or more of the preceding claims, characterized in that~~ Claim 1, wherein the dimensions of the substrate are ~~in the order of magnitude of a width W=~~ about 3.21 meters in width and ~~a length L=~~ about 6.0 meters in length.